Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
	Executive Summary				
1.			Include info in the Delta Plan regarding number/extent of public comment periods/work groups/etc.	Council: Gray	Revise accordingly with summary of comments, meetings, workshops.
2.			Include an upfront caveat that Delta Plan policies are regulations and must be complied with (see Hank's similar note below).	Council: Gray	Clarify and use formatting to distinguish policies as regulations
3.			Insert full list of policies and recommendations up front in the Plan as a reference guide.	Council: Nottoli	Will insert list up front with language per above.
4.	3, 5		Use "locus" instead of "fulcrum"	Council: Nordhoff	Revise accordingly.
5.	3, 8		Use "not working" vs. sustainable	Council: Nordhoff	Revise accordingly.
6.	3, 18-19:		Avoid implying that the agricultural lands are home to 0.5 million people.	ISB	Agree. Change accordingly.
7.	3, 31:		"Although the numbers of several species of fish in the Delta have fluctuated over time, four in particular" Likely ALL have fluctuated in numbers over time	ISB	Delete "several"
8.	3, 35		Replace "meant" with "caused".	Council: Nordhoff	Revise accordingly.
9.	4, 17		Add a line that references that the statute provided a definition of "restore" in law.	Council: Nordhoff	Revise accordingly.
10.	4, 40		Replace "sustainably" with "big"	Council: Nordhoff	
11.	5, 26		Delete "inaction", replace with "from past abuses".	Council: Nordhoff	Revise accordingly.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
12.	p. 5 lines 38-40 and P. 21 lines 15- 21 and lines 33- 35		Water Boards staff suggests the following wording change for this statement: "Protects and enhances the Delta ecosystem by identifying and protecting high-priority restoration areas and setting a deadline for the State Water Resources Control Board to take actions that support the coequal goals by updating flow standards water quality objectives, including flow objectives, for the	SWRCB/ RWQCBs	Change "standard" to "objective" to be consistent with language in ER P1/Chapter 4
13.	5, 30		major rivers and tributaries of the Delta." Add "regulatory" in front of "policies" or otherwise emphasize that the Delta Plan contains regulations that must be complied with.	Council: Nordhoff	Revise accordingly.
14.	5, 31		Replace "Increases" with "improves"	Council: Nordhoff	Revise accordingly.
	Chapter 1				
15.	Table 1-1		Isenberg: Double check population projections. Check any other population references in the plan.	Council: Isenberg	Change "increase from 39.1 million in 2010 to 59.5 million, a 52% increase" to "increase from 37.2 million in 2010 to 51 million in 2050" and replace reference.
					Source: State of California, Department of Finance, Interim Population Projections for California and Its Counties 2010-2050, Sacramento, California, May 2012. http://www.dof.ca.gov/research/demographic/reports/projections/interim/viewphp
16.	3, 16-17		Revise to, "Today, striped bass, which are voracious predators, both support a major sport fishery and are blamed:	ISB	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
17.	9, 9		Move information to footnote.	Council: Isenberg	Revise accordingly.
18.	9,17		Change sentence to: "Today the Delta is many things to many people, and is universally regarded in "crisis" because people have not yet been able to find balance among competing demands for the Delta's resources"	DSC Staff	Review and revise accordingly
19.	9, 17-28		Add language that recognizes impacts of diversions on ecosystem as one of the stressors to ecosystem to description of 'modern problem', consistent with descriptions in other chapters	City of Antioch	Agree to add this to summary of stressors as is reflected in rest of Delta Plan.
20.	10		Figure 1-1 needs a source and more descriptive title	Council: Isenberg	Change title and add appropriate source information.
21.	P. 10, Figure 1-1		Figure leaves out some of the Delta Watershed Area. Parts of the southern Central Valley including parts of Fresno and Westlands Water District, drain to the San Joaquin River. Additionally, "during extremely heavy runoff, flood flows in the Kings River reach the San Joaquin River as surface outflow through the Fresno Slough. We recommend including these southern Central Valley areas and would be happy to work with you on modifying the Figure	SFWCA	Review boundaries and adjust if appropriate.
22.	11, Figure 1-2		Confirm source and data		Will confirm source and data and revise accordingly if inaccurate.
23.	11, 15		Replace "needs" with "demands" Change this term in all appropriate locations.	Council: Johnston	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
24.	Page 12 line 1/page 13, line 28		Check consistency of use of "past 150 years" vs "past 160 years"	San Joaquin Area Flood Control Agency	Revise for consistency
25.	12, 13		Conflicting demographics/facts: 25 million people and 2 million acres of irrigated farmland, vs. 27 million people and 3 million acres of farmland as stated on P. 78, The Delta's Role in California's Water Supply, 3 rd paragraph.	San Joaquin Area Flood Control Agency	Revise for consistency
26.	12, 21		Change to: timely and better informed decisions	DSC Staff	Revise accordingly.
27.	13, 11		"river channels at times <u>to</u> run backward, and"	SFWCA	Correct typo
28.	13, 17:		"accidental tourists" seems too informal. Use non-native species.	ISB	Revise accordingly
29.	13, 31:		More than "marshland"; could mention more from page 122	ISB	Insert reference to section with more description
30.	14		Cross check the numbers in the "Delta by the Numbers Box" against the numbers we refer to in the individual chapters.	Council: Isenberg	Review and revise for consistency
31.	14, sidebar bullet 4		Suggest adding second sentence; "Approximately 98% of the Delta's residents live in the Secondary Zone."	SFWCA	Review for accuracy and change accordingly to clarify
32.	14, graphic		Second bullet should read <u>exported</u> from the Delta	DSC Staff	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
33.	14, 5		What is the basis of the statement, "Drought and changing Delta and ocean conditions, however, reduced those numbers to only 66,000 in 2008, resulting in a closure of the salmon fisheries off California and restrictions the lingered into 2010, devastating fishing economies."?	San Joaquin Area Flood Control Agency	Add source or amend statement
34.	14, 7-9		Dredging is not just for recreational boating and sport fishing, also can have positive economic impacts/create jobs/etc.	Port of Stockton	Add line recognizing additional economic benefits of dredging
			The report should acknowledge the importance of Port activities to local regional, state, national and international economies. Funding for dredging the Stockton Deepwater Channel was authorized by the United States Congress in 1929 and dredging commence the following year. Congressionally authorized dredging opened the Port of Stockton to international trade and national commerce. At the time of writing this report the Port is it is one of the only ports of the West Coast that exports more cargo than it imports and provides thousands of family wage jobs in an area facing chronically high unemployment and underemployment.		
35.	15, 3:		The estuary extends westward to the Golden Gate (p. 126, lines 33-35). It also functions southward to San Jose; Delta water flushes southern San Francisco Bay (Conomos, 1979, p. 75-77).	ISB	Agree to added detail. Revise accordingly
36.	15, 7		"The Delta Problem":	Council:	Revise accordingly
			Delete "needs", replace with "demands"	Johnston	

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
37.	15, 8		Delete "additional", replace with "more"	Council:	Revise accordingly
		Delete "from the Delta", end sentence after "water". Start new sentence "Nor does the Delta adequately serve the needs of fish and wildlife—". Change "cases" to "places" on line 10.	Johnston		
38.	15, 9		Delete "an"	Council: Johnston	Revise accordingly
39.	15, 10		Delete "area", replace with "based on land use".	Council: Johnston	Revise accordingly
			Add in bold "Fish Declines" before paragraph starting on line 11 that begins "In late 2004"		
40.	15, 17		Add in bold "Water Exports Cut" before line 17 paragraph	Council: Johnston	Revise accordingly
41.	15, 24		Change enforced to increased	DSC Staff	Revise accordingly
42.	15, 26		Add in bold "Lawsuits" before line 26 paragraph	Council: Johnston	Revise accordingly
43.	15, 26-24		Clarify that the uncertainty occurs in dry years (and below normal) when the conflicts are the greatest.	DSC Staff	Revise as indicated.
			Line 32 after "water supply uncertainty for agencies that use water conveyed through the Delta" add "(comma) particularly in drier years when ecosystem conflicts are greatest."		
			Also revise line 34 to saybecoming increasingly reliant on Delta exports that, by contract, were intended to be supplemental supplies.		
44.	15, 35		Add in bold "Flood Threats" before line 35 paragraph	Council: Johnston	Add accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
45.	15, 40		Add in bold "Pursuit of Balance" before line 40 paragraph	Council: Johnston	Add accordingly
46.	16, 11		Check the fact about average runoff: "44 percent to the Sac River and 53 percent to the San Joaquin", Clarify language. Change "precariously" to "dramatically."	Council: Isenberg	Will check and revise accordingly or clarify point.
47.	16, 12		Move Little Hoover Commission description to a footnote	Council: Isenberg	Revise accordingly.
48.	17, 34		Parenthetical statement should read: 20 percent reduction in statewide urban per capita water use by 2020	DSC Staff	Revise accordingly
49.	17, 38		Strike "the Delta Reform Act;" and replace with "SBX7 1"	DSC Staff	Revise accordingly
50.	18, 21		Eliminate duplication	Council: Isenberg	Rewrite to avoid duplication
51.	19, Figure 1-3		What elements of the Delta Plan does the map show?	ISB	Make clarifying changes to map or add clarifying text description.
52.	19, Figure 1-3		Map should be revised to reflect the following: a. Area north of Eight-Mile Road within the Stockton Sphere of Influence (SOI) is designated as Village per the city's General Plan not Agriculture as it is indicated; b. Area south of French Camp Road and Bowman Road, is designated as Village per the Stockton General Plan not Agriculture; c. Area south of Bowman Road to Lathrop city limits should be mapped agriculture, not SOI; d. Verify that other SOI mappings are correct.	San Joaquin Area Flood Control Agency	Review and revise if inaccurate.
53.	21, 1		Restate this line and consider the use of "lessons learned" is unclear.	Council: Isenberg	Will edit for clarity.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
54.	22, 15		Update population figures from DOF. Include prediction for urban growth in the Delta, if possible.	Council: Isenberg	Check for updated numbers and revise accordingly.
55.	23, 22-34		Expand discussion of Delta in 2100" similar to format in 5 th draft Delta Plan.	Council: Isenberg	Will use language from each chapter describing "future" to expand/revise this section.
56.	23, 27:		Ecosystem restoration and protection rather than just ecosystem protection; ecosystems are in a degraded state and need to be restored or rehabilitated, not just protected.	ISB	Agree. Revise accordingly
57.	13, 3		Are you sure that 90% riparian habitat has been lost statewide, or just in Delta rivers?	Chris Austin	Replace "statewide" with "Central Valley". Use citation either Bay Institute "Sierra to Sea" report or Katibah 1984.
58.	24 Timeline		Add "and compliance" to "state, local water agency cooperation" under WR P1 "action depends on" heading. Under RR-P1 line add "Council completion, legislative adoption and implementation" under "action depends on". Under DP-R1 line add "federal action" under "action depends on" heading." Under "prioritization of State investments" include Council's responsibilities, tie that to Central Valley Flood Board plan, and the Legislature's implementation of that plan. Under "establish NHA," include federal action (under action depends on column).	Council: Isenberg	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
	Chapter 2				
59.	16		Hold hearings to discuss structural changes.	Council: Marcus	Expand language in Chapter 1 box on "Is more governance reform needed?" that strengthens and clarifies this point.
60.	35-57		The Plan does not cover only "activities in the Delta". Technical changes needed to clarify that it covers (otherwise qualifying) activities occurring in whole or in part in the delta:	DSC Staff	Revise accordingly
			-pg. 35. Line 37, after "activities" insert "occurring in whole or in part"		
		-pg. 36. Line 13, after "project" insert "occurring in whole or in part"			
			-pg. 36. Line 35, strike "within" and insert "in whole or in part in"		
			-pg. 36, lines 38, after "action" insert "occurring in whole or in part"		
			-pg. 42, line 25-pg. 43, line 1, strike "in the Delta"		
			-pg. 48, line 34, strike "in the Delta"		
			-pg. 48, line 37, strike "the status and trends of the Delta" and insert "relevant status and trends"		
			-pg. 50, line 31, after "occur" insert "in whole or in part"		
		-pg. 55, line 37, strike "in the Delta" and insert "that are in or otherwise affect the Delta."			
			-pg. 55, line 38, strike "of actions in the Delta"		

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			-pg. 56, line 11, strike "Delta" and insert "Delta-related"		
			-pg. 57, lines 10 and 13, strike "in " and insert "related to"		
61.	36, 22		Amend the following sentence: "The mission of the Council is to further the achievement of the coequal goals."	EBMUD	Correct accordingly to be consistent with Delta Reform Act language
62.	36, 24:		Replace "approach based on a strong scientific foundation" with "approach based on a strong scientific foundation in an adaptive management framework"	ISB	Revise accordingly
63.	35, 29-30		Change "ensure the appropriate use of science in Delta decision making." to "to provide the best possible unbiased scientific information to inform water and environmental decision making in the Delta."	DSC Staff	Revise accordingly
64.	37, Table 2-1		Table 2-1 is missing agencies (e.g., regional boards, RCDs, CDFA, USDA, NRCS)	Council: Marcus	Add agencies to table, also make clarifying changes per other comments included in this list
65.	p. 37, Table 2-1		The Delta Conservancy section should be revised to read; "Designated <u>a</u> primary state agency" to be consistent with the Delta Reform Act.	SFWCA	Correct accordingly
66.	p. 37, Table 2-1		Delete reference to USBR maintaining Delta levees.	San Joaquin Area Flood Control Agency	Delete reference
67.	Table 2-1		Under the responsibilities of the State Water Resources Control Board – change "criteria" to "objectives"	DSC Staff	Revise accordingly for consistency
68.	Table 2-1		_Add to description of USBR: <u>Operates the</u> <u>Central Valley Project, including the San Luis</u> <u>Unit which pumps water out of the southern</u>	SFWCA	Review and align language to more accurately reflect mission

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			Delta to serve the westside of the San Joaquin Valley as well as Silicon Valley.		
69.	Table 2-1		Under U.S. Fish and Wildlife Service, modify the text as follows: "Develops plans for the conservation <u>and recovery</u> of public trust natural fish and wildlife resources and addresses the variable needs of fish and wildlife in the Delta pursuant to ESA."	EBMUD	Revise accordingly
70.	Table 2-1		Under National Marine Fisheries Service (NMFS), modify the text as follows: "Operates salmon and steelhead hatcheries, restore access over impassible dams, and Develops plans for the conservation, survival, and recovery of salmonids in the Delta pursuant to the point at which ESA measures are no longer necessary."	EBMUD	Revise accordingly
71.	Table 2-1		Water Boards staff recommends the following changes to Table 2-1: Required to develop in 2010 non-regulatory flow criteria for the Delta ecosystem necessary to protect public trust uses in order to inform future planning proceedings for the Delta Plan and BDCP. Responsible for developing and implementing the Bay-Delta Plan to establish and adopt criteria describing the flows deemed necessary to maintain water quality standards and protect public trust resources in the Delta. water quality objectives, including flow objectives, to ensure reasonable protection of beneficial uses in the Bay-Delta. Responsible for establishing, implementing and enforcing Enforce water right requirements to and ensure the proper allocation and efficient use/diversion of water in and out of Delta, including the role of the Delta Watermaster and implementation of the Bay-Delta Plan.	SWRCB	Make changes as outlined in SWRCB comment.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			Along with Regional Boards, responsible for Ddeveloping and implementing other water quality standards and control plans consistent with state and federal law to reasonably protect aquatic beneficial uses in the Delta.		
72.	38, 21:		The term "good science" might better be rewritten as "best available".	ISB	Revise accordingly
73.	38, 8-39		Staff to add language in Chapter 2 per NRC regarding "combat science" and the need to get away from this issue.	DSC staff	Add language from NRC
74.	41, Figure 2-1		Clarification of performance measures and metrics; strengthen DSC's role in performance management and tracking	Council: Fiorini	Add bullet on Performance Measures/tracking under "Ensure Accountabillity"
75.	42, 8:		The language about the importance of establishing performance measures and monitoring to document whether performance measures have been met should be stronger here. Performance measures are "key" to the adaptive management framework.	ISB	Add/strengthen language on performance measures and DSC role in tracking.
76.	P. 43, Lines 34- 35		It is our understanding that the Council will be reviewing and reopening discussion of the current appellate procedures related to an appeal of DFG certification of the BDCP this late summer or fall. It would be appropriate to either note this or delete "in 2010".	SFWCA	Revise language to allow for reference to include subsequent updates to 2010 procedures.
77.	44, 2		Replace title with "Delta Plan Requirements by Water Code Section"	DSC Staff	Agree. Revise accordingly.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
78.	46 – sidebar		Flag consistency with feds for further staff examination. How do we bring the feds in? Stronger statement about where things fall apart between the agencies; amp up role of DSC in coordination.	Council: Marcus	Staff will revise language in Chapter 2 to address this. Make changes in IIC description to reiterate leadership role of Council. Revise text (first bullet point): "Monitor progress of priority actions and agency activities to implement the Delta Plan."
79.	P. 46, Sidebar DP 181		The last sentence shows BDCP in parenthesis. BCDC should be in parenthesis.	USBR, USFWS	Insert correct acronym.
80.	47, 1-29		Clarify that local agencies will be part of implementation committee This was intended but not clear.	Ag Urban/ Tuolumne/Yolo	Add "local" to line 14, after "federal"
81.	48/41-45		Add language about DP being updated sooner than 5 years	Council: Marcus	Revise text to clarify Delta Plan may be updated sooner than 5 year minimum requirement
82.	48, 31:		The statement that the Council will "use existing monitoring efforts" appears to preclude the development of new monitoring efforts, which should be part of a Delta Science Plan. This paragraph should also acknowledge the potential for new monitoring efforts established as a result of the Delta Science Plan.	ISB	Add reference to potential for new monitoring efforts.
83.	49, Text Box		Strike "Development of informative and sensitive performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop performance measures in complex and large-scale systems like the Delta are commonly multiyear endeavors. The recommended	DSC Staff	Replace with "Development of informative and meaningful performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop and track performance measures in complex

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			performance measures are provisional and subject to refinement as time and resources allow."		and large-scale systems like the Delta are commonly multiyear endeavors. The recommended output and outcome performance measures listed below are provided as examples and subject to refinement as time and resources allow. Final administrative performance measures are listed in Appendix C and will be tracked as soon as the Delta Plan is completed."
84.	50 and 54		Technical changes necessary in narrative to clarify that self determination with regard to covered actions is subject to judicial review for reasonableness and consistency with the law.	DSC Staff	-pg. 50, line 35, after "action" insert "(subject to judicial review of whether the determination was reasonable and consistent with the law)" -pg. 54, strike lines 19-25, and insert: "A state or local agency that proposes to carry out, approve, or fund a plan, program or project is the entity that must determine whether that plan, program or project is a covered action. That determination must be reasonable, made in good faith, and consistent with the Delta Reform Act and relevant provisions of this Plan. If requested, Council staff will meet with an agency's staff during early consultation to review consistency with the Delta Plan and to offer advice as to whether the proposed plan, program or project appears to be a covered action, provided that the ultimate determination in this regard must be made by the agency. If an agency determines that a proposed plan, program or project is not a covered action, that determination is not subject to Council regulatory

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
					review, but is subject to judicial review as to whether it was reasonable, made in good faith, and is consistent with the Delta Reform Act and relevant provisions of this Plan."
85.	52, 28		Technical clarification to definition of significant impact.	DSC Staff	For this purpose, significant impact means a change in existing baseline conditions that is directly, or indirectly and/or cumulatively caused by a project, and that on its own or when considered "cumulatively" in connection with the effects of past projects, other current projects, and probable future projects, will have a substantial impact on the achievement of one or both of the coequal goals or the implementation of government-sponsored flood control programs to reduce risks to people, property, and State interests in the Delta.
86.	58 47, line 22-23		Add IIC to timeline Expand membership of Interagency Implementation Committee Add USACE, NRCS, RWQCBs	Council: Fiorini and Marcus	Staff will add IIC to timeline in Chapter 1. Staff will revise description of IIC to include additional agencies and role of DSC including performance management and tracking.
	Chapter 3				
87.	Chapter 3 narrative		Add information about diversions over time	Koehler	Agree, request consistent with similar comments from Council members to add charts and narrative to illustrate point

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
88.	67, 4		politics of conflicts over	DSC Staff	Revise accordingly
89.	67, 22		Delete "increasingly"	Koehler	Agree, change accordingly
90.	67		Make reference to fact that many of California's salmon runs are now listed under state/federal endangered species acts	Koehler	Add reference to fisheries declines/salmon.
91.	68, box, last sentence		making water supplies deliveries more predictable and reliable.	DSC Staff	Revise accordingly
92.	68, 14		potential for improving long term	DSC Staff	Agree, change to be consistent.
93.	68, 17		Substitute " <u>supply needs</u> " for "supplies" at the beginning of the line to be consistent with the Delta Reform Act.	SFWCA	Revise accordingly
94.	69, 14		needs from <u>improved water efficiency and</u> a greater diversity	DSC Staff	Revise accordingly
95.	69, 31		After "efficiency" add reference to improve conveyance to reduce conflict	Council: Fiorini	Revise accordingly
96.	P. 70-71, et al.		[T]he connection of groundwater and surface water use, should be emphasized earlier in Chapter 3. Neither the section "Sources of California's Water Supply" (page 70) nor the sidebar "Where California's Water Comes From" mention groundwater, despite making the statement over 20 pages later that "Groundwater is a major source of water supply for nearly every region in California." The connection between groundwater and surface water could also be described in "Water Use within the Delta Watershed" because, as described above, groundwater is one component of water use that ultimately impacts flows to the Delta.	Nature Conservancy	Add clarifying language to chapter to recognize role of groundwater vs precip.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
97.	70, 18-20		This section provides an overview of where California's water comes from and how it is used, the state's vast water supply infrastructure system, and the implications of climate change on the California's water supplies. foundational water law and policies, and the role of the Delta in California's water supply.	DSC Staff	Double check topic sentence matches with section contents.
98. 71, Gra	71, Graphic		* Change title (or revise bold text) so that it is clear that the graphic shows where California's water comes fromand where California's water goes	DSC Staff	Revise accordingly
			* first text block, third sentence: More than half of this supply is taken up by trees and vegetation (through transpiration) or evaporates, leaving		
			* second main header: Most But Not All This Water Can Be Tapped to Meet California's Needs		
99.	P. 71,72, How California's Water is Used		3rd paragraph: 1st sentence, " this developed water totals approximately 80-85 MAF." conflicts with the illustration on the previous page (P. 71) which notes there is remaining 60-65 MAF of developed water.	Fiorini/San Joaquin Area Flood Control Agency/USBR	Check source against B-160 and correct reference. Clarify and be consistent in how plan talks about "developed water supply"
100.	p. 72		Clarify water year type differences and reflect in graphic as appropriate	Council: Isenberg	Revise accordingly
101.	72, 13		Water that flows to the ocean serves an ecosystem purpose – thus, to say it is "lost" is a misnomer.	USBR	Agree. Change "is lost" to "flows"
102.	72, 12-13		On average, about half of this water <u>is used</u> by surface vegetation for transpiration; evaporates; is used by surface vegetation for transpiration or	DSC Staff	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
103.	p. 73		Add language connecting water use data to impact or relevance to Delta	Council: Isenberg	Add sentence to draw stronger connection
104.	P. 73 L 11-13		Add citations (2005/2009 B 160)	Council: Isenberg	Add citations to B 160
105.	73, 12-13		agricultural and urban water needs demands.	DSC Staff	Revise accordingly
106.	74, graphic		Need to review graphic for accuracy (e.g., omission of LADWP system in Mono County, Mono lake). Need text to explain that disconnection of lines reflects use of existing streams (and the Delta itself) for conveyance. Also need text to clarify that map shows only major local infrastructure not the hundreds of numerous smaller conveyance and storage systems.	DSC Staff	Review source data for accuracy and revise graphic as appropriate
107.	P. 75 L 8-10		Consider whether worth explaining that all available storage sites are already taken	Council: Isenberg	Look for reference, if appropriate, add reference
108.	P. 75 L14		Change subheading to "Climate Change Complicates Management of California's Water System" or similar	Council: Isenberg	Revise accordingly
109.	P. 75 L 25-29		Add more explicit recognition of how CC complicates water operations	Council: Isenberg	Will add language regarding future impacts and challenges they will present to current operations
110.	75, 26-27		Because the Delta <u>watershed provides some</u> <u>portion of the water</u> supplies <u>for</u> approximately 25 million Californians will some of their water supply and	DSC Staff	Revise accordingly
111.	75, 26		"Because the Delta conveys water supplies to approximately 25 million Californians with some of their water supply and irrigates and millions of acres of farmland, rising sea levels"	SFWCA	Fix style for clarity

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
112.	75, 34		It's not just "water supplies" that would be hit, but also water used for environmental management. We suggest the following substitute language; "amount of water available for water supplies and fishery management actions."	SFWCA	Add reference to environmental risk
113.	P. 76		Foundations of Water Policy: Add more on Public Trust and consider clarifying changes	Council: Isenberg	Revise accordingly
114.	76, 2-4		This section discusses major the legal foundations of for California water policy, explains California's complex system of water rights, and describes the state's new water policies and priorities, including reduced reliance on the Delta, established by the Delta Reform Act. notes that with the Delta Reform Act, the State has taken yet another step in better defining its overall management goals and priorities.	DSC Staff	Revise accordingly
115.	76, 29		"Over the last 160 years, the California's water rights"	DSC Staff	Correct typo
116.	76, 32		Add referencescarcity (See sidebar: California's Complex Water Rights System).	DSC Staff	Add reference to sidebar
117.	76, 34-43		Suggested edits: For example, some-many of California's stream systems are "over appropriated," at least in dry years (NRC 2012), meaning. This means that if everyone who held a water right (riparian, pre-1914 and post 1914 appropriative) on a stream fully perfected and exercised their rights, then the total volume (or "face value") of the water rights (riparian, pre-1914, and post 1914 appropriative) would exceeds the available surface supply. ies	DSC Staff	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			that are available, if all the right holders fully perfected and exercised their rights. In the Delta watershed, the SWRCB estimates that the face value of just the post -1914 appropriative water rights that have been issued is 245 MAF (SWRCB 2011). The face value of post 194 water rights under permits and licenses in the Delta watershed at 245 MAF (SWRCB2011), About 60% of these rights, or about 147 MAF, are for hydropower which is considered a non-consumptive (pass through) water use. By comparison, the average annual unimpaired flow in the Delta watershed (between 1921 and 2003) was 29 MAF, with a maximum of 73 MAF, the wettest year on record (DWR 2007b), which includes rights issued for non-consumptive hydropower that constitute more than 60 percent of the total face value.		
118.	77, 1-8		(New paragraph) While the face value of water rights represents potential diversions, actual water use in many stream systems is frequently far less than the face value of water rights due to restrictions in permits and licenses, operating restrictions, physical and economic limitations, non-consumptive uses of water (such as for power generation), and reuse of water. However, the real extent to which streams systems are over appropriated is not known because water users under pre-1914 and riparian water rights have not been required, until recently, to submit annual reports accounting for their diversions. In 2009, the State adopted statewide water diversion reporting requirements (Water Code section 5100 et seq.) and in 2010 the SWRCB adopted regulations requiring online	DSC Staff	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			reporting of water use by all water rights holders, including all surface and groundwater users. In addition, there is limited information available to the State on consumptive use or the number of times that water is reused within a stream system.		
			DWR provides estimates of applied water and consumptive use of applied water in the California Water Plan update 2009 (DWR 2009). In 2005 (a 127 percent precipitation year), the estimated quantity of applied water in the delta watershed was 15.4 MAF. The estimated quantity of consumptive use of applied water in the Delta watershed was 9.2 MAF.		
			Delete footnotes 10 and 11.		
119.	P. 78 L 1-6		Coequal Goals Section	Council:	Will clarify Council's
			Revisit to align discussion of reduced reliance as written in WR P1 final language.	Isenberg	definition/interpretation of reduced reliance post Council meeting discussion, add text accordingly.
120.	78		P. 78, Delta's Role in California's Water Supply, 3rd paragraph: 27 million people and 3 million acres of farmland conflicts with P. 12.	San Joaquin Area Flood Control Agency	Make consistent, cross check across plan
121.	78, 20:		Delta water doesn't just flow out the Golden Gate, it also flushes southern San Francisco Bay (Conomos, 1979, p. 75-77)	ISB	Add language to clarify

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
122.	P. 79 sidebar		"Reliance on the Delta Varies by Region" The statement that Kern County Water Agency (KCWA) "has the largest SWP import contract at 1.8 million acre-feet" is incorrect. KCWA is the largest SWP import contractor in the Tulare Lake Basin. This should be clarified. Also, KCWA's Table A amount under its SWP contracts is 982,730 acre-feet, not the 1.8 MAF stated. The water supply amounts for the San Francisco Bay appear to be misleading. In terms of the amount of developed water use, about 36% of the supply is surface and groundwater, not 55%. Based on developed water use, SWP/CVP exports are about 25% of the supply and imports from local projects are about 39%.	SFWCA	Check source numbers and make correction as appropriate. Change to .99 MAF
123.	80, 5		150 <u>160</u>	DSC Staff	Check consistency across Plan
124.	P. 81 L 22		Consider changing heading to "Joint Federal State Delta Operations"	Council: Isenberg	Revise accordingly
125.	P. 81		Need chart on historical export levels	Council: Isenberg	Add chart
126.	Pg. 81, lines 3-11		Revise the last sentence to include the percentage of the annual water deliveries from the Delta's upper watershed: "approximately 0.5 MAF, or about 1.5 percent of the flow from the Delta watershed, of annual water deliveries" Discussion: For the sake of consistency and	EBMUD	Agree, change accordingly.
			context, this percentage should be included. Page 80, line 2, states that approximately 31 percent of the flow from the Delta watershed is diverted upstream of the Delta, and page 81, line 13, indicates that about 4 percent of		

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			the watershed flows are diverted by Delta residents and farms. Additionally, line 20 of page 81 indicates that the SWP and CVP diversions account for 17 percent of the inflows into the Delta. Since every other diversion is given in terms of percent of flow from the watershed, the Mokelumne and Hetch Hetchy diversions should be provided in a similar format.		
127.	P. 82		Check graphic in relation to export discussion, add other graphic or delete this one and replace.	Council: Isenberg	Will revisit graphic selection relative to narrative discussion, also will add chart on exports over time per above comment.
128.	P. 82 graphic DP 161		Narrative says outflows to the ocean reduced by 50% yet the graphic says 67% is outflow (33% reduction)? Also graphic should be consistent with narrative and say "Delta-Suisun in-Delta use". Does in-Delta include North Delta Aqueduct? If so it should say so. If not, where is it? With regard to two 11% export citations, where does the San Francisco Bay Area/Silicon Valley fall? It should be noted as an export area as well.	SFWCA	Check source data and make changes/clarification if appropriate.
129.	P. 83, Lines 8- 12		Change "Completion of the Tracy Pumping Plant and Delta-Mendota Canal allowed water from the San Joaquin River to be conveyed to areas along the Sierra Nevada foothills in the Madera, Chowchilla, and Friant-Kern canals, and to provide water from the Sacramento River through the Delta export facilities to the San Joaquin River Exchange Contractors that used to rely upon San Joaquin River water rights water" to "Completion of the Tracy Pumping Plant and Delta-Mendota Canal allowed water from the Delta to be conveyed to the San Joaquin	USBR	Change accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			River Exchange Contractors who used to rely upon San Joaquin River water rights water. This in turn allowed water from the San Joaquin River to be conveyed to areas along the Sierra Nevada foothills and east side of the San Joaquin Valley via the Madera-Chowchilla and Friant-Kern Canals."		
130.	83, 12		"used to rely upon San Joaquin River water rights water."	SFWCA	Change accordingly, typo.
131.	83, 26		Strike '20' and insert '17'	DSC Staff	Check numbers, revise accordingly
132.	83, 27		Strike '8' and insert '11'	DSC Staff	Check numbers, revise accordingly
133.	83, 28		Strike '2' and insert '39'; strike 'approximately 500' and insert 'more than 600'	DSC Staff	Check numbers, revise accordingly
134.	P. 83, L 40		There is a significant discrepancy between the descriptions of the development, facilities, and delivery components of the CVP and SWP with the latter being provided short shrift. The SWP information should be commensurate with that of the CVP.	SFWCA, staff	Add to description of SWP facilities.
135.	84, 4		Strike 'an agricultural industry that supported'	DSC Staff	Make clarifying change
136.	84, 17		Strike 'consideration' and insert 'legal obligation'	DSC Staff	Revise accordingly
137.	84, 19		Strike 'in accordance with' and insert 'according to'	DSC Staff	Revise accordingly
138.	P. 84, L 19-21		This sentence is incorrect. There are currently no court orders controlling Delta operations. Since 2009, a court order has controlled operations only briefly, during the Fall of 2011.	SFWCA	Insert "in some cases" delete "more recently"

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
139.	84, 21		Strike 'players in regulation of' and insert 'entities that regulate'	DSC Staff	Revise accordingly
140.	84, 11		California AqueductIronically Notably, DWR continues to project a 2-3 MAF deficit in groundwater pumping from overdrafted aquifers (DWR 2009). A more detailed discussion of groundwater overdraft is provided later in this chapter.	DSC Staff	Revise accordingly
141.	84, 44-44		Comment: Water Boards staff recommends the following modified language: "The SWRCB has initiated a phased process to review and amend—or to adopt new—water quality and flow objectives for the Delta by 2014. The SWRCB is also reviewing Phase 1 of that review is focused on southern Delta water quality and San Joaquin River flows. Phase 2 is focused on other changes that may be needed to the remainder of the Bay-Delta Plan to protect fish and wildlife beneficial uses."	SWRCB	Revise accordingly
142.	P. 85		Lines 4-10 are repetitive. L 31-45 needs greater clarity on what challenges are. Consider adding more on SWP operational reliability.	Council: Isenberg	Revisit and revise language to improve clarity.
143.	P. 85, L 8		Narrative says San Joaquin contributes 15%, though graphic on page 82 says 16%. Need to be consistent.	SFWCA	Check source data and make changes to be consistent
144.	p. 85, L 23		Narrative says outflows reduced by 50% but graphic on page 82 says 33%. Need to be consistent.	SFWCA	Check source data and make changes to be consistent.
145.	85, 31-34		Conflicts over water use are compounded by SWP and CVP contracts that, while intended to be a supplemental water supply to	DSC Staff	Revise and tie to export chart which will be in next draft per comments above

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			augment local water sources, now create an expectation that more water should be exported than can be consistently delivered pumped. Overall, exports from the Delta have been rising over the past four decades. However, SWP contract amounts were originally based on assumptions that additional dams and conveyance facilities were to be constructed at a later date.		
146.	85, 32		Strike 'compounded by' and insert 'further complicated due to original'; strike 'create an expectation that more' and insert 'assumed greater water export quantities'	DSC Staff	Revise accordingly
147.	86, 31		Strike 'seasons during' and insert 'months within'	DSC Staff	Revise accordingly
148.	85, 36-40		of how California's water is used). contract amounts once promised. In fact, the CVP has fulfilled 100 percent of its contract obligations only three times since 1990, and the SWP has delivered 100 percent of its contract amounts only twice (Reclamation 2011b; DWR 2010b). Overall, SWP and CVP deliveries of have averaged approximately 60 percent of the total original contracted amounts on an annual basis (Cooley et al. 2009). The 2007-2009 drought, in combination with court-ordered and regulatory restrictions on State and federal Delta pumps, significantly reduced water exports to SWP and CVP contractors. According to DWR, SWP exports deliveries are now expected to average 60 percent of maximum contract amounts in future years, down from 66 to 69 percent estimated in 2005 (DWR 2010b)	DSC Staff	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
149.	86, 16-19		Additionally, north-North-to-south water transfers across the Delta can be an important tool for improving water supply reliability but require the use of SWP or CVP facilities and, as such, as subject to the regulatory constraints on Delta exports. Simply put, Because Delta pumping windows of opportunity are increasingly filled by contract deliveries, excess capacity for water transfers is increasingly hard to come by.	DSC Staff	Revise accordingly
150.	86, 22		Because It bears repeating that on an annual basis California's annual precipitation is incredibly variable, The the past expectation that each year	DSC Staff	Revise accordingly
151.	85, 41-45		Suggested rewrite for clarity:	DSC Staff	Review and revise accordingly
	86, 1-15		Since 1990, the CVP has fulfilled 100 percent of its contract water allocations only three times, and the SWP has delivered 100 percent of its contract amounts only twice (Reclamation 2011b; DWR 2010b). Both the SWP and CVP provide water to water rights holders and water contractors. The water rights holders are provided the highest level of reliability based on their senior water rights compared to SWP and CVP water rights. The SWP Feather River water rights contracts are about 0.9 MAF per year (or less than 20 percent of the SWP contract amounts). The CVP water rights contracts are about 2.4 MAF per year in the Sacramento Valley and about 0.88 MAF per year in the San Joaquin Valley (about 50 percent of the CVP contract amounts not including water deliveries from Friant Dam or on the Stanislaus River). The CVP also delivers about 0.33 MAF per year of water to federal and State wildlife refuges under the		

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			requirements of the Central Valley Project		
			Improvement Act (about 5 percent of the CVP		
			contract amounts). The remaining amount of		
			water delivered in the Sacramento and San		
			Joaquin Valley by SWP and CVP is allocated		
			after water has been provided for water rights		
			and specific environmental commitments.		
			Within the SWP, remaining allocations are		
			provided uniformly throughout all other water		
			contractors. Within the CVP, water is		
			allocated with a higher reliability to municipal		
			and industrial water users than agricultural		
			water users, and limits on conveyance		
			through the Delta could further reduce		
			deliveries to users that rely upon Delta		
			exports. As a result of the allocation		
			requirements, in dry years, water rights		
			contractors, such as the Sacramento River		
			Settlement Contractors, will receive		
			100 percent of their water allocations while		
			non water right contractors, including		
			Westlands Water District, may receive as little		
			as 10 percent. Overall, SWP and CVP		
			deliveries have averaged about 60 percent of		
			the total original contracted amounts on an		
			annual basis (Cooley et al. 2009).		
			In addition, the rules for how water is		
			allocated to water right holders and water		
			contractors under shortage conditions mean		
			that some contractors have access to more		
			reliable amounts of water in these years than		
			others. Water rights holders (primarily the		
			Sacramento River Settlement Contractors,		
			San Joaquin River Exchange Contractors and		
			the federal and State wildlife refuges) have		
			the most senior water rights and are provided		
			the highest level of reliability compared to the		
			water rights held by the SWP and CVP		
			system. Further, unlike the SWP where the		
			system. Further, unlike the SVVP where the		

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			water remaining after allocation to the senior water rights holders is uniformly distributed to all other contractors, the CVP provides a higher level of reliability to municipal and industrial water users than agricultural water users. As a result of the allocation rules, in dry years, water rights contractors such as the Sacramento River Settlement Contractors, will receive 100 percent of their water allocations while non-water right contractors, including Westlands Water District, may receive as little as 10%.		
152.	P. 86, Line 11-14		Dry year hydrology can result in reduction in deliveries to the Sac. River Settlement Contractors to 75% of contract total. Therefore, sentence should read "As a result of the allocation requirements, in dry years, water rights contractors, such as the Sacramento River Settlement Contractors, may receive 100 percent of their water allocations"	USBR	Change accordingly and modify paragraph to conform with all related clarification changes.
153.	P. 86 L 22-42		This section is important, may need clarification about wet year dry year and what is this section concluding.	Council: Isenberg	Revise accordingly
154.	P. 87 Figure 3-2		The text on the graphic illustrating "Patterns of Delta Inflow and South Delta Exports" is incorrect with regard to present day operations of the projects and thus will mislead the reader into a conclusion that those figures represent an accurate picture of present Delta management. The dry years which are described as having diversions of 40% are all in years prior to the Bay-Delta Accord of 1994. Since the Bay-Delta Accord, average dry year exports are less than 40% and average wet year exports are higher than 10%. This graphic should be replaced or	SFWCA	Revisit source data and make changes if appropriate.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			revised to accurately reflect the current management regime.		
155.	87, 12		Improved operation flexibility will, consistent with ecosystem restoration, can result	DSC Staff	Revise accordingly
156.	P. 87 Figure 3-2		Need better explanation of graphic and how it ties to text.	Council: Isenberg	Add explanatory text
157.	88, 13		has compromised groundwater storage in many regions of the state;	DSC Staff	Revise accordingly
158.	88, 37		meet current and projected water needs demands for SWP and CVP water deliveries exported exports from the Delta watershed.	DSC Staff	Revise accordingly
159.	P. 89 AM graphic		Need more clear definition of the problem, and clarify source information.	Council: Isenberg	Box represents hypothetical example, will check on source data and revise problem statement.
160.	89, graphic		Box #2 Goal: Improve water supply predictability reliability for south of	DSC Staff	Revise accordingly for internal consistency throughout document
161.	P. 90 sidebar		Clarify language about DSC role with regard to BDCP	DSC Staff	Replace with following language to be consistent with Delta Reform Act: If the BDCP is successfully completed, and the Department of Fish and Game determines that the BDCP meets the requirements in Water Code section 85320, it must be incorporated into the Delta Plan. That determination by DFG may be appealed to the Council (Water Code section 85320 (e)). Also change last line of box to "The Delta Stewardship Council is a Responsible Agency"
					Make conforming change to text box

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
					on page 132.
162.	P. 90, sidebar on BDCP		Bureau of Reclamation intends to seek Federal Endangered Species Act compliance through the section 7 process with the Service and National Marine Fisheries Service.	USBR/USFWS	Clarify language regarding BDCP permits.
163.	P. 90		[O]n page 90 in the same box and in other areas of the Delta Plan, the Delta Plan refers to the BDCP and related EIS/EIR schedule. This schedule has been updated; please revise accordingly.	USFWS	Update schedule information
164.	P. 90		Review BDCP box for accuracy.	Council: Isenberg	Received similar comments from stakeholders, will review and revise for accuracy.
165.	91, Graphic 3-3		Need to add language to explain chart on strategies to increase supply and reduce demand	DSC Staff	Review and revise accordingly
166.	91, Graphic 3-3		Change header to "New Water for California"; revisit graphic and description to clarify	Council: Isenberg	Revise accordingly; will review and add clarifying text to explain graphic
167.	91, 2		Need to insert language that describes what this section covers to be consistent with other introductions to sections.	DSC Staff	Insert: This section describes the role that local and regional water supply development plays in improving the California's water supply reliability and provides an overview of the state laws and the trends in water use and water supply development that are reshaping the state's water needs. This section concludes with a discussion of groundwater management and information needs that impede the achievement of the coequal goals.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
168.	91, 14		Delete footnote 15 and add to textdesalination.	DSC Staff	Revise accordingly
169.	92, 38-39		breadth of local agencies engaging in water management makes it difficult, if not impossible, to monitor and account for the significant new amounts of water supplies and increased water efficiency that is being implemented and dramatically reshaping water supply reliability in California. statewide progress in implementation.	DSC Staff	Revise accordingly
170.	93, 22		Insert 'Planning' after 'Management'; strike 'in 1990 and updated through AB 1404 (2007) and SBX7-7; insert '(SBX7 7)' after '2009'	DSC Staff	Revise accordingly
171.	P. 93, L 32		It would be beneficial to indicate that the \$1B in bond funds leveraged significant additional local dollars, probably in the range of \$1-2B. Leaving that out shortchanges local agencies' contributions to improved water supplies and water use efficiencies.	SFWCA	Agree. Add line that recognizes leveraging power of state bond dollars with local contribution.
172.	93, 46-47		region can vary among <u>between</u> wet, average and <u>and critically</u> dry hydrologic conditions	DSC Staff	Revise to be consistent
173.	P. 94 sidebar		Sidebar, under San Francisco heading, use "mid-1970s" not "mid-1970".	DSC Staff	Correct typo
174.	P. 95, sidebar		Sidebar: This graphic indicates a 2005 per capita water use of approximately 215 gpd. However, on page 92, line 10 indicates a 2005 baseline of 192 gpd with regard to the 20x2020 requirement. This discrepancy should be explained someplace.	SFWCA	Staff to check and revise accordingly.
175.	P. 95 L 5-7		Is 2006 the most recent data available? If not, this should be updated.	SFWCA	Double check that data is most recent

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
176.	95, 14		Double check text after 'requirements.' In lines 15, 16, and 17, the citations are incorrect.	DSC Staff	Revise accordingly
177.	95, 18-19		Importantly, for those who prepare them, Urban Water Management Plans and Integrated Regional Water Management Plans regional plans appear to be working. As a result of these requirements efforts and increased irrigation efficiency, the amount of water needed to meet California's future urban and agricultural needs demands has changed.	DSC Staff	Revise accordingly
178.	96, 12-13		However, groundwater pumping and overdraft continued to become more severe as water demands in the Tulare Basin continued to exceed available supplies. Recent satellite imaging revealed that the Central Valley lost approximately 2.5 million acre-feet of groundwater during the period of October 23 to March 2010 (Famiglietti et al. 2001)	DSC Staff	Review and revise accordingly
179.	P. 96 L 26-28		The first sentence of the paragraph should be deleted. The statement that groundwater use in California "is largely unregulated" is patently false. There is significant regulation and management at the local level throughout the state. That there isn't centralized state regulation is not an indication of abdication of responsibility or management. Correlating an asserted lack of "oversight" with "incomplete information" is mixing apples and oranges. As noted, there is not a lack of oversight. Also, the issue of transparency and information is being addressed as a consequence of SBX X7. The third sentence in this paragraph should be revised by deleting the beginning	SFWCA	Review and clarify problem statement. Disagree with assertion but will revisit language to ensure accuracy.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			of it; "The lack of State oversight means that Limited and often incomplete information is available"		
180.	Page 98, Line 25-26		Reclamation performs Water Needs Assessments with input from its contractors – change sentence to read "and performs a "Water Needs Assessment for each federal contractor with input from that contractor,"	USBR	Revise accordingly
181.	99, 15-16		In 2007, the California Legislature passed a law requiring Since 2008, DWR, SWRCB and the Department of Public Healthy to study the development of a coordinated have been working to develop a coordinated database to track the	DSC Staff	Revise accordingly
182.	100, line 7		The lack of full participation by some water suppliers throughout California to implement laws, programs, and projects that improve water efficiency	El Dorado County WA	Revise accordingly
183.	100, Footnote 18		Change "than" to "that."	Council: Nordhoff	Revise accordingly
184.	100, 30		management planning, including requirements for adoption of urban and agricultural rate structures that promote water efficient practices and conservation.	DSC Staff	Revise accordingly
185.	P. 101 L 41	WR R5	There needs to be more lead time between the development of the Water Supply Reliability Element guidelines and the implementation date. If the intent is to have agencies implement in 2015, the guidelines need to be completed no later than July 1, 2014 and ideally Jan 1, 2014.	SFWCA	Change language from "can implement WR R4 by 2015" to " <u>begin implementation of</u> WR R4 by 2015".
186.	P. 102 L 13	WR R7	References should be to "85021" not "85201".	SFWCA	Change accordingly to correct typo

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
187.	P. 102, L 22-34		Substitute language; "In some many of these groundwater"	SFWCA	Review and consider changes to accurately state the problem.
			Don't overstate the problem. This "Problem Statement" should be rewritten to state that best practices are not being utilized throughout the state and that information related to groundwater management needs to become more transparent and accessible. Furthermore, better assessment of the status of the State's groundwater basins is an important step to improved management, including optimizing conjunctive use opportunities and remediating water quality problems.		
188.	104, 22-31		Add "and funding" to end of recommendation	Council: Fiorini	Revise accordingly
189.			Add language regarding operational availability of SWP.	Council: Isenberg	Staff is developing this information and will include in Chapter 3.
190.	P. 105 L 25-26		SIXTH STAFF DRAFT: P 105, L 25-26: change language; "other stakeholders should to complete development of develop a coordinated statewide system"	DSC Staff	Revise accordingly
191.	106, 1-6	WR R19	Related to discussion of WR P1 – need a recommendation for adequate resources for state agencies to track progress (i.e., DWR)	Council: Marcus	Modify/broaden WR R19 to include assessment of resources for performance management/monitoring adaptive management.
192.	108, lines 32-35		Watermaster scope/recommended future issue	Ag Urban, et al	Clarify language to emphasize Watermaster's authority to evaluate illegal diversions.
193.	108, 42-43		Strike both lines and insert:	DSC Staff	Revise accordingly
			"Development of informative and meaningful performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to		

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop and track performance measures in complex and large-scale systems like the Delta are commonly multiyear endeavors. The recommended output and outcome performance measures listed below are provided as examples and subject to refinement as time and resources allow. Final administrative performance measures are listed in Appendix C and will be tracked as soon as the Delta Plan is completed."		
	Chapter 4				
194.			Staff to add text acknowledging interrelationships between habitat, water supply, levees and agricultural, water quality economy, etc.		Staff will develop sections within each chapter similar to "Factors Influencing Water Quality in the Delta" (Ch. 6. P. 210) to illustrate linkages.
195.	119, 24:		Some species will never be "abundant"; it's more important that populations persist at sustainable levels.	ISB/Isenberg	Revise to reflect recommended change
196.	120, 1-2:		All ecosystems will absorb and adapt to multiple stressors, but humans may not like the end result of this adaptation (e.g. loss of native species, reduced productivity). Hence, this statement is not adequate. Isn't the goal that a resilient ecosystem will absorb and adapt to multiple stressors without a significant reduction in the goods and services it provides?	ISB	Add concluding phrase " <u>without</u> significant declines in ecosystem services."
197.	120, 3		The Delta will provide more predictable and reliable water supplies	DSC Staff	Revise accordingly
198.	Page 122. Line 29		The rapid and thorough transformation of the historical Delta over the past 160 years has	DWR	Accept change

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			involved many changes: over 1,300 1,335 miles of levees were constructed to drain wetlands and protect islands from damaging floods		
199.	124		Include charts that illustrate the historic record of water flowing into the Delta, out to the sea, and exported.	Council: Isenberg	Develop and include requested figure
200.	124, Graphic		Last paragraph – this text makes it sound like it is only on the San Joaquin River, versus using the SJR as an example of what all streams are experiencing. Clarify.	DSC Staff	Revise text to clarify that San Joaquin River is an example of changes in Delta flows
201.	P 125, Sidebar:		"Current Stressors" bullet: Add "or mitigated" after "eliminated."	State and Federal Contractors Water Agency	Accept change
202.	P126, L12:		Add "landforms and" between the words "Delta" and "hydrology."	State and Federal Contractors Water Agency	Accept change
203.	p. 128, sidebar re: Current Delta Ecosystem Restoration Efforts		Revise description of SWRCB action: The State Water Resources Control Board (SWRCB) is updating its Bay-Delta Water Quality Control Plan (Bay-Delta Plan). The update focuses on The first phase of that update focuses on water quality objectives for the protection of southern Delta agriculture salinity standards and San Joaquin River flow objectives for the protection of fish and wildlife. The second phase focuses on other changes to the Bay-Delta Plan to protect fish and wildlife beneficial uses including: Delta outflow objectives, Sacramento River flows, export/inflow objectives, Delta Cross Channel Gate closure objectives, Suisun Marsh objectives, potential new reverse flow	SWRCB/ RWQCB	Accept change

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			objectives for Old and Middle rivers, potential new floodplain habitat flow objectives, potential changes to the monitoring and special studies program, and other potential changes to the program of implementation, and issues identified through the BDCP process. As part of the State Water Board's review of the Bay-Delta Plan, the State Water Board will consider information developed as part of its August 2, 2010, staff technical a report-containing guidance for flow aspects of ecosystem restoration titled "Development of Flow Criteria for the Sacramento—San Joaquin Delta Ecosystem" (SWRCB 2010) along with information concerning other factors that were not considered in that report including cold water pool needs and competing uses of water."		
204.	p. 128, text box		Add Yolo Bypass to list of areas where DFG and DWR are planning for and implementing restoration projects begun under the CALFED Bay-Delta program	DWR	Accept change

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
205.	p. 128, line 34		Cite Fish and Game Code Section 5937 as it relates to flows for fish passage	DFG	Revise text to read: Flows sometimes have not reflected Fish and Game Code Section 5937's requirement that dam owners shall allow sufficient water "at all times to pass through a fishway, or in the absence of a fishway, to pass over, around, or through the dam, to keep in good condition any fish that may have been planted or exist below the dam."
206.	P129, L35-36:		Revise the text to read: Flows are now closely managed by releases from reservoirs to supply water for agricultural and urban uses, control salinity, and control reduce floodings.	State and Federal Contractors Water Agency	Accept change
207.	130, Graphic		Graphic name/figure name? Source info?	DSC Staff	Add figure number, title and source
208.	p. 131		Note opportunity to divert more flow in wet years and less flow in dry years, to cross reference with Ch 3 and reflect best available science, including NRC's findings	Councilmember Marcus, NRDC, Bay Institute, Defenders of Wildlife	Accept change
209.	p. 132 text box		Revise the text to read: If the BDCP is successfully completed, and the Department of Fish and Game determines that the BDCP meets the requirements in Water Code section 85320, it must be incorporated into the Delta Plan. That determination by DFG may be appealed to the Council (Water Code section 85320 (e) Last ¶: change "late 2012" to "early 2013" for BDCP completion, and "The Council will be is a Responsible Agency	State and Federal Contractors Water Agency	Accept change

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
210.	133, 10-11		Revise to read: The earlier that these objectives <u>can be</u> revised and implemented, the earlier	DSC Staff	Revise accordingly
211.	p. 136, ln 11		Restoration of the Yolo Bypass can create conditions to recover spring run s and winter run salmon, among other species can create conditions that promote enhanced growth and survival of juvenile spring-run and winter-run salmon, among other species, and can benefit other migrating salmon.	DFG	Incorporate recommended change
212.	p. 140, In 45 to p 141, In 5		Revise text to properly reflect recent action	BCDC	BCDC recently approved an amendment to amended the San Francisco Bay Plan to address climate change and sea level rise. This amendment's The climate change policy policies, among other things, incorporate sea level rise projections with those developed by the California Ocean Protection Council (2011) and includes and includes call for development of a long term regional strategy to address sea level rise and storm activity. The SMPP and the Suisun Marsh Local Protection Program will also need to incorporate the should also be amended to address climate change and sea level rise. policy when they are amended to conform to the San Francisco Bay Plan

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
213.	141-43		Consider more text/recommendations regarding invasive species and examples of actions	Council: Marcus	Staff will add examples of invasive species and control strategies.
214.	143, 9:		The opening sentence says little the way it is written. It might be recast to be "Depending on the species and the interests of the Delta users"	ISB	Incorporate recommended change
215.	143, 43		Strike "The 2012 proposal to change striped bass fishing regulations in the Delta is an"	DSC Staff	Revise accordingly
216.	143, 45:		Reduction in the number of one species of predator may not reduce the overall impact of predation because other predatory species may increase in abundance with the reduction in competition for prey resources or because their young may have been prey of the targeted predator. This problem with the proposed changes in striped bass harvest should be included here as it is relevant to all such predator reduction strategies targeted at just one species.	ISB	Revise text to reflect ISB comment
217.	144, 41:		Harvest may not have been a root cause of the major declines in salmon in the Delta system, but once stocks are at a low level and habitat is no longer productive, then fishing mortality can be the most important factor that needs to be controlled.	ISB	Revise text to reflect comment
218.	p. 146	ER P1 footnote 20	Acknowledge role of DFG	SWRCB	Revise footnote 20: "SWRCB staff will work with the Delt Stewardship Council and DFG to determine priority streams. As an illustrative example, priority streams could include the Merced River, Tuolumne River, Stanislaus River, Lower San Joaquin River, Deer

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
					Creek (tributary to Sacramento River), Lower Butte Creek, Mill Creek (tributary to Sacramento River), Cosumnes River, and American River (SWRCB 2011a, SWRCB 2011b).
219.	p. 146	ER P1 footnote 21	Reflect time required for action through FERC	SWRCB	Revise footnote 21:
					Implementation through water rights hearings or FERC relicensing is expected to take longer than the deadline shown here
220.	147		Clarify what is meant by 'tidal' and 'subtidal' areas.	Council: Nottoli	Clarify Figure 4-3
221.	148, 11		Strike "When habitats are restored at	DSC Staff	Revise accordingly
222.	148, 12		Strike "alternative elevations, sufficient scientific rational must be provided."	DSC Staff	Revise accordingly
223.	148, 23		Strike "other than habitat restoration"	DSC Staff	Revise accordingly
224.	148, 24		Insert "other than habitat restoration" after "4-4"	DSC Staff	Revise accordingly
225.	149, Figure 4-4		Reference to CDFG 2011 ERP is not correct. Insert correct reference information.	DSC Staff	Revise text to reflect comment
226.	P 152, line 22		Revise text to clarify desired action	BCDC	The SMPP and the Local Protection Program components of the SMPP do not yet include the climate change provisions. eonsistent with BCDC's San Francisco Bay Plan. Without these amendments
227.	153, 15:		Although established non-native species cannot be eradicated, their abundance can be reduced. This should be acknowledged here.	ISB	Revise text to reflect comment

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
228.	153	ER R5	Recommendation should include the need for development of performance measures and a	ISB	Regulate Angling for Nonnative Sport Fish to Protect Native Fish
			monitoring plan to support an adaptive management approach.		The Department of Fish and Game should develop, for consideration by the Fish and Game Commission, proposals for new or revised fishing regulations designed to increase populations of listed fish species through reduced predation by introduced sport fish. The proposals should be based on sound science that demonstrates these management actions are likely to achieve their intended outcome and include the development of performance measures and a monitoring plan to support an adaptive management approach.
229.	153	ER R6	Recommendation should include the need for development of performance measures and a monitoring plan to support an adaptive	ISB	Prioritize and Implement Actions to Control Nonnative Invasive Species
			management approach.		The Department of Fish and Game and other appropriate agencies should prioritize and fully implement the list of "Stage 2 Actions for Nonnative Invasive Species" and accompanying text shown in Appendix I taken from the Conservation Strategy for Restoration of the Sacramento—San Joaquin Delta Ecological Management Zone and the Sacramento and San Joaquin Valley Regions (DFG 2011). Implementation of the Stage 2 actions should include the development of performance measures and monitoring plans to

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
					support an adaptive management approach.
230.	153, 18:		This is worded awkwardly; rephrase it to "Avoid Introductions and Habitat Improvements that Enhance Survival and Abundance of Nonnative Invasive Species".	ISB	Revise text to reflect comment
231.	155		Actions will be both near term and mid term	DFG	Revise the timeline to show ER R6 and ER R8 as both near term and intermediate term actions.
232.	156, 16-21		Strike "Development of informative and sensitive performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop performance measures in complex and large-scale systems like the Delta are commonly multiyear endeavors. The recommended performance measures are provisional and subject to refinement as time and resources allow."	DSC Staff	Replace with "Development of informative and meaningful performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop and track performance measures in complex and large-scale systems like the Delta are commonly multiyear endeavors. The recommended output and outcome performance measures listed below are provided as examples and subject to refinement as time and resources allow. Final administrative performance measures are listed in Appendix C and will be tracked as soon as the Delta Plan is completed."
233.	p. 156		Need more meaningful restoration performance measures	Council: Isenberg, Delta Vision Foundation	Add a new performance measure: Progress, measured in acres of restored or enhanced habitat, towards the biological opinions'

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
					targets of restoring 8,000 acres of tidal marsh and 17,000 to 20,000 acres of floodplain rearing habitat for salmon
	Chapter 5				
234.	167, 11		Staff to add language and emphasis.	Council: Nordhoff	Review and revise accordingly
235.	170, 3:		"reclaimed the Delta." Is this the appropriate language? Would "protect the Delta's marshes and floodprone" be better? The present language implies that the extensive levee systems succeeded in making the Delta a better place and more productive ecosystem. The levees have lowered flood risk, but they have been a cause of many ecological problems.	ISB	Review and revise accordingly
236.	p. 171, line 21- 42		Clarify application to urban areas outside incorporated cities	Contra Costa County Department of Conservation and Development; San Joaquin County	Revise heading to "The Delta's Urban Communities" and revise text to list each city and community, including unincorporated urban areas such as Mountain House, Discovery Bay, and Byron
237.	172		Change text to reflect that Rio Vista is an incorporated city and to reflect Freeport is also in the Secondary Zone. Rio Vista is in the Primary Zone's waterfront, but not in the Secondary Zone. Most of Rio Vista is outside the Delta.	Council: Nottoli	Revise accordingly
238.	p. 173		Errors in mapping of spheres of influence and planned land uses	San Joaquin Area Flood Control Agency	Confirm Figure 5-1's mapping of cities' spheres of influence. Revise map's key to identify "Delta Communities', not 'Urban and

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
					Urbanizing Areas'
239.	p. 175, ln 10		Explain why Bethel Island warrants special treatment	Contra Costa County Department of Conservation and Development	Among Legacy Communities, Bethel Island warrants a special note because of flood risks, the development planned there, and its lack of public services.
240.	175, 29-41		Expand discussion of climate change in this chapter and throughout Delta Plan.	Council: Marcus	Staff to review/revise policy chapter climate change section as directed.
241.	176, 22-42		Staff to expand/revise description explaining DPC's role and responsibilities in land use and planning.	Council: Johnston	Staff is developing sidebar with language to clarify and highlight role of DPC.
242.	p. 179, In 34		Replace "Marine Highway" with "Maritime Highway"	Port of Stockton	Revise accordingly
243.	186, Figure 5-3		Need to revise map to remove stars, numbers, it should look more like older version (use older version of State Parks map)	DSC Staff	Review and revise accordingly
244.	193	DP R7	Deadline proposed occurs before Delta Plan becomes effective.	DWR	Eliminate 2013 deadline; retain 2017 deadline for this objective.
245.	199, 1-9		Strike "Development of informative and sensitive performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop performance measures in complex and large scale systems like the Delta are commonly multiyear endeavors. The recommended performance measures are provisional and subject to refinement as time and resources	DSC Staff	Replace with "Development of informative and meaningful performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop and track performance measures in complex and large-scale systems like the Delta are commonly multiyear

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			allow."		endeavors. The recommended output and outcome performance measures listed below are provided as examples and subject to refinement as time and resources allow. Final administrative performance measures are listed in Appendix C and will be tracked as soon as the Delta Plan is completed."
	Chapter 6				
246.			SWRCB has requested several date changes according to their updated workplans.	SWRCB	Staff will talk with SWRCB staff to determine whether additional due date changes are warranted/necessary
247.	207, 22:		What is meant by, "high-quality inflows"? Presumably the implication is that inflows of high-quality water are needed.	ISB	Clarify language
248.	207, 36-37:		Drinking water treatment (e.g. chlorination and ozonation) react with dissolved organic matter (DOM) components to form toxic halogenated compounds (Leenheer, J.A. and Croue, J.P. (2003) Characterizing dissolved aquatic organic matter. Environmental Science and Technology 37, 18A–26A).	ISB	Add reference
249.	207, 36-37		Similarly, organic carbon in drinking water sources can result in cancer causing contribute to harmful disinfection byproduct formation. but However, for ecosystem purposes, organic carbon is beneficial and is increased by wetland creation. (which may be part of ecosystem restoration) and provides beneficial nutrients for the Delta food web.	DSC Staff	Revise accordingly
250.	208, 2		in fish species, that represents	DSC Staff	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
251.	208, 34-35		relocating drinking water intakes may be the best approach to improve water quality-for human health.	DSC Staff	Revise accordingly
252.	209 Table 6-1		Delta water beneficial use chart—resolution of conflicts between beneficial uses is governed by state/fed law and Pub Trust Doctrine.	Council: Isenberg	Clarify purpose of chart, reconcile with narrative discussion
253.	210, Footnote 26		The "303(d) list" is the list of impaired and threatened waters (stream/river segments, lakes) that states have identified	DSC Staff	Check description of 303(d) list for accuracy
254.	P. 211, L 40-41		Water Boards staff recommends the following modified language: TMDLs are <u>usually</u> implemented through amendments to the appropriate Basin Plan, which, in turn, will result in <u>changes to</u> improved discharge permits as they are reissued.	SWRCB/ RWQCB	Revise accordingly
255.	214, 13:		It would be preferable to describe the Delta as an estuary where freshwater from rivers and streams mixes with seawater from the ocean, rather than ascribing the mixing as being due to tidal effects. Estuaries can have tidal effects even in regions where salt water does not intrude.	ISB	Agree. Revise accordingly
256.	215, 27:		Suggest revision to, "that already includes salt".	ISB	Revise accordingly
257.	216, 34-41		Connect information more directly to (at least reference) chapter 4	DSC Staff	Revise accordingly
258.	217, 2:		Perhaps add about 1% of seawater?	ISB	Revise accordingly
259.	218, 2-3		Edit sentence to read: Water moving through the Delta contributes some part of the drinking water supplies for more than 25 million	DSC Staff	Revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
260.	219, text box		reacts with naturally occurring_bromide found in source water.	DSC Staff/ISB	Revise accordingly
261.	P. 221 L 7-9 and P. 224 L 45-46		Comment: Ammonium and pyrethroid pesticides are listed as water quality concerns. The statement about pyrethroids is a little misleading because it implies widespread toxicity is regularly found, and by excluding agriculture, seems to imply that agricultural runoff is not a concern. Some select studies with targeted monitoring have found toxicity due to pyrethroids. SWRCB staff recommends the following modifications to this language: Pyrethroid pesticides largely derived from urban and suburban runoff are regularly found at toxic levels to aquatic invertebrates (Weston et al. 2005 and Weston 2010). Pyrethroid pesticides from multiple run off sources have been found at toxic levels to aquatic invertebrates (Weston et al. 2005 and Weston 2010).	SWRCB/ RWQCB	Revise accordingly
262.	223		Applying Adaptive Management in Water Quality Decisions sidebar: In Adaptive Management Step 3, there is an "a" missing in "algae".	ISB	Revise accordingly
263.	P. 224 L 19-22		"including NPDES permits, stormwater NPDES permits, the Irrigated Lands Regulatory Program, WDRs, waivers of WDRs, and water rights."	SWRCB/ RWQCB	Revise accordingly
264.	224, 24:		The section on pesticides should note the recent work on synergistic toxicity of current use pesticides in salmonids, these ongoing studies will be very pertinent to water quality issues in the Delta (Laetz et al 2009. The synergistic toxicity of pesticide mixtures:	ISB	Add reference

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			Implications for risk assessment and the conservation of Pacific salmon. Env. Hlth. Perspect. 117:348-353).		
265.	224, 39:		Revise to, "which are common replacements for the OP pesticides"	ISB	Revise accordingly
266.	225, 1-4:		These sentences are contradictory, and recommend changing the first sentence to read, "Contaminants cannot be eliminated as a possible contributor to the declines in openwater fish populations in the Delta (known as pelagic organism decline [POD])". With a cited reference stating that there are not enough data to determine if contaminants played an important role in the POD, then it's not logical to also state that "contaminants are unlikely to be a major cause of the declines".	ISB	Review text and revise accordingly
267.	P. 225, L44		Defines benthic as "deep water." That is not a proper definition of benthic; benthic organisms are bottom-dwelling organisms, independent of the depth of the water.	G Fred Lee	Revise accordingly
268.	226, 11		micrograms per literppb (add ppb to the list of abbreviations)	DSC Staff	Add PPB to acronym/glossary list
269.	P. 226, lines 43- 45 and P. 227 lines 1-2		Water Boards staff recommends the following modifications to this language: "To this end, in 2009 2011 the SWRCB established a Science Advisory Panel in coordination with the Packard Foundation to address contaminants of emerging concern in accordance with their Recycled Water Policy aquatic ecosystems. The panel completed a report in 2010 April 2012 that included several recommendations for how the SWRCB should monitor and assess potential impacts of contaminants of emerging	SWRCB/ RWCQB	Revise accordingly and add reference

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			concern. (SWRCB-2010b Anderson, P.D et.al. 2012)." Reference - Anderson P.D., N.D. Denslow, J.E.Drewes, A.W. Olivieri, D. Schlenk, GI Scott, S.A. Snyder. 2012. Technical Report 692. Monitoring Strategies for Chemicals of Emerging Concern (CECs) in California's Aquatic Ecosystems: Recommendations of a Science Advisory Panel SCCWRP.		
270.	227, 15		What is "it" here? I think that the Delta should be specified.	ISB	Agree. Revise accordingly
271.	227, 23-27:		This problem statement should also mention being proactive (e.g., anticipation of changes in water quality in response to climate change and being responsive to contaminants of emerging concern).	ISB	Revise accordingly
272.	228, 26-31		Strike "Development of informative and sensitive performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop performance measures in complex and large scale systems like the Delta are commonly multiyear endeavors. The recommended performance measures are provisional and subject to refinement as time and resources allow."	DSC Staff	Replace with "Development of informative and meaningful performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop and track performance measures in complex and large-scale systems like the Delta are commonly multiyear endeavors. The recommended output and outcome performance measures listed below are provided as examples and subject to refinement as time and resources allow. Final administrative performance measures are listed in Appendix C and will be tracked as soon as the Delta Plan is

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
					completed."
273.	228-229		Clarify CV SALTS narrative	Council: Marcus	Add supporting language: (Improve Drinking Water Quality section)
					In 2006, the State Water Resources Control Board, the Central Valley Regional Water Quality Control Board and stakeholders began a joint effort to address salinity and nitrate problems in California's Central Valley and adopt long-term solutions that will lead to enhanced water quality and economic sustainability. Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) is a collaborative basin planning effort aimed at developing and implementing a comprehensive salinity and nitrate management program.
274.	P. 229, L 3	WQ R5	DWR indicated to staff that EIR will be complete by end of 2012.	DSC Staff, DWR	Change due date to December 2012
275.	P. 230 L 4		Change due date for nutrients work plan to 1/1/2014. Agency says cannot meet 2013 deadline on this issue.	SWRCB/ RWQCB	Revise accordingly
276.	230-232		Need to clarify the role/authority of the water boards. Water quality issues likely to become more contentious in the future because of increased reuse.	Council: Isenberg	Staff to add language to intro of Chapter 6 summarizing what is on Page 208, lines 7-35
277.	231, 28:		Suggest changing to " The effects of the simultaneous presence of multiple pesticides, even at low levels, on species of concern".	ISB	Review and revise accordingly
278.	233-234		Add more depth on disadvantages	Council: Marcus	Revise language to:

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
		CO	mmunities		Small and disadvantaged communities: Ensuring a safe drinking water supply can have a disproportionate cost for small and disadvantaged communities. Delta communities that are small and disadvantaged include Bethel Island Courtland, Hood, Isleton, Locke, and Walnut Grove. Options available to small, disadvantaged communities to correct unsafe drinking water conditions include consolidation with a larger water system, consolidation of several small systems into a single, larger system, centralized treatment, interim point-of-use treatment or use of bottled water, replacement of a contaminated source with an uncontaminated source and, in the case of chemical contamination, blending of contaminated sources with uncontaminated sources. Availability and prioritization of funding, restructuring of regulatory requirements, and provision of technical assistance may all be part of the solution, but involve the authority of various agencies including the Department of Public Health, the SWRCB, and DWR. An integrated effort including the input and involvement of the regulatory an affected agencies will be needed to properly address these issues and to refine effective recommendations.

Chapter 7

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
279.	Throughout		Add references, where appropriate, to the role of levees in protecting land uses and economic activities, including discussion of DPC's Economic Sustainability Plan	Councilmember Nottoli, DPC, MBK Engineers	Revise text as directed
280.	245, Introduction		Revise introduction to portray flood hazards in human context	Council: Isenberg	Revise introduction, perhaps by including account of past flooding
281.	245, 19		Delete the sentence: The Provisions that follow fulfill these requirements.	DSC Staff	Revise accordingly
282.	246, 23:		Rewrite to avoid implying that levees prevent floods from entering the Delta's waterways.	ISB	Review and revise accordingly
283.	246, 37		Revise to read:for reliable water supplies (see Chapter 3 for a discussion of water supply reliability).	DSC Staff	Revise accordingly
284.	p. 246, line 37		Add City of Stockton to the list of cities and agencies depending on the Delta for reliable water supply.	San Joaquin Area Flood Control Agency	Add Stockton to listed cities
285.	248, 22:		Are there no active faults known or suspected beneath the Delta? There are indications that active faults may underlie the western Delta as well. Although low probability of significant seismic activity, the consequences would be high.	ISB	Review and revise accordingly
286.	Page 250, Lines 8-18		The paragraph attempts to equate increasing hydraulic stresses and deepening of drainage ditches to levee instability; however, most ditches near the levee do not tend to be deepened because they are not drain ditches. They are either irrigation ditches, or ditches that drain the levee section and not the fields. Water is brought in from the levee side through a series of siphons and then runs	MBK Engineers	Delete this paragraph's last sentence. Retain citation.

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			through fields away from the levee; and therefore, when fields subside, the ditches that are deepened are not near the levee.		
287.	250, 27:		Solely USGS research? See comment below on page 281.	ISB	Review and revise accordingly
288.	Page 250, Lines 40-43, Page 251, Line 1		We suggest the following language to help distinguish the three types of levees in the Delta and Suisun Marsh: " the Delta includes more than 1,000335 miles of levees, There are roughly 1,000 miles of project and non-project levees in the Delta and Suisun Marsh. These levees include some that are unmaintained along the perimeter of permanently flooded islands and therefore may not technically function as levees in the traditional sense. Non-project levees are defined in California Water Code. Section 12980(e). Some levees that are not project levees are also not "non-project levees" and are sometimes called "unattributed levees". There are hundreds of miles of these other levees in the Delta and in the Suisun Marsh. Depending upon which types of levees are being counted, different values may be derived for levee mileage in the Delta. Approximately 65 percent of the levees in the Delta and all levees in the Suisun Marsh are owned or maintained by local agencies or private owners and are not part of the State and federal government's Sacramento River Control Project or San Joaquin River Flood Control System Project. Most of these non-project and unattributed "non-project" levees are maintained by local reclamation districts created and funded by landowners, initially for the purpose of draining ("reclaiming") the Delta's islands and tracts."	DWR	Revise narrative to reflect three characterizations of levees

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
289.	P. 251, line 7		Include Lathrop and Manteca to the list of Delta cities with storm drainage facilities.	San Joaquin Area Flood Control Agency	Add Lathrop and Manteca to listed cities
290.	Page 252, Figure 7-3		This is a map of the Delta showing non- Project levees and State-Federal Project levees. The map is incorrect. It is referenced as part of a DWR 2009 report; however, the lines on the map indicating levees are erroneous. Somehow, levees are shown that do not exist. We would recommend not using this map. Map portrays 'unattributed levees' as well as project and non-project levees	MBK Engineers, DWR	Fact check map
291.	P. 253, text box		The geographic scope of the CVFPP includes only the portions of the Delta covered by the SPFC "This is incorrect. For example, the CVFPP includes 65 miles of non-project Delta Levees within the Stockton Area.	San Joaquin Area Flood Control Agency	Revise narrative
292.	Page 255, line 3		The 2011 draft Urban Levee Design Criteria was recently finalized as the Urban Levee Design Criteria (May, 2012). The reference on page 280 should also be updated.	DWR	Update citation
293.	255, 46		Delete the word "standard" and replace with "guidance".	DSC Staff	Revise accordingly
294.	Page 255, Lines 44-47 and Page 256, Lines 1-5		We warn that this data is erroneous and it appears that the staff and/or consultants used by DSC do not understand the levee system of the Delta and do not understand the DWR LiDAR report and its pages of caveats that render the results extremely rough and not adequate for the conclusions that this report seems to make.	MBK Engineers	Correct narrative in In 3, p.256 to state that 136, not 395 miles, of Delta levees do not meet the HMP standard

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
295.	256, 4		Delete the word "standard" and replace with "guidance".	DSC Staff	Revise accordingly
296.	256, 6		Delete the word "standard" and replace with "guidance".	DSC Staff	Revise accordingly
297.	256, 7		Delete the word "standard" ONLY where it appears as "Fifteen districts comply with this standard" and replace with "guidance".	DSC Staff	Revise accordingly
298.	256, 11		Delete the word "standard" and replace with "guidance".	DSC Staff	Revise accordingly
299.	256, 12		Delete the word "standard" and replace with "guidance".	DSC Staff	Revise accordingly
300.	256, 13		Delete the word "standard" and replace with "guidance".	DSC Staff	Revise accordingly
301.	Page 256, Lines 15-20:		We suggest changing the sentence to read as follows: "[f]ederal standards require that Interstate highways roads must be protected"	DWR	Revise text
302.	p. 259, line 37-39		This section indicates that Project levees are eligible for Federal funding. It should also be noted that following passage of AB 360 (1996), Project levees became eligible to participate in the Delta Levees Subventions and Special Projects Programs.	MBK Engineers	Revise narrative to explain project levees eligibility for subventions and special project programs
303.	260		Clearly state that neither the federal nor the State governments are legally obligated to pay the entire cost of Delta flood protection projects	Council: Isenberg	Revise discussion of Prioritizing State Investments in Levees to emphasize federal and State government's limited responsibility for funding Delta flood protection
304.	Page 261, line 15:		The first bullet regarding State funding priorities should be changed to clarify that this funding priority for 200-year protection would	DWR	Correct narrative

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			apply to existing urban areas and adjacent urbanizing areas. Otherwise, this could be read to indicate that the State is prioritizing funding for providing 200-year protection for existing small communities that want to become urban areas. Consistent with the errata sheet for the CVFPP (e.g., errata numbers 33, 43, and 65), this bullet should say "Provide a 200-year level of flood protection for existing urban and adjacent urbanizing areas (Water Code section 9600 et seq.)." This same comment applies to the table on page 272, as previously noted.		
305.	267, 17-18		Please delete the following sentence, as it's redundant: "This case also held Caltrans liable for some of the damages."	DSC Staff	Revise accordingly
306.	267, 30		More clearly convey State's limited responsibility for non-project levees	Council: Isenberg	Add a sentence stating: The state does not own, operate, control or maintain non-project levees and does not have authority to do so. The delta levees subventions program is a grant program to provide financial assistance to the local reclamation districts for their non-project levees. The subventions program directs the state to make inspections to ensure that state funds have been spent appropriately; those inspections are not carried out to ensure the quality of the work or the stability or structural integrity of the nonproject levees. The nonproject levees are the sole responsibility of the reclamation districts and the state is not liable for damages caused by their failure.
307.	270, 36		Clarify whether this means miles of levee or	Council: Nottoli	Staff is revising language to clarify

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			acreage protected. Add text recognizing that benefits have been realized through the State's investments of millions despite more work to be done.		this.
308.	273, 4		Include statute location/number, with "SB 5"	DSC Staff	Revise accordingly
309.	P. 274, footnote 28		Footnote 28 at the bottom of the page incorrectly references the Urban Levee Design Criteria. To be correct, this footnote should say "As defined in the Department of Water Resources' Urban Levee Design Criteria (DWR, 2012)." This definition in the Urban Levee Design Criteria is actually a direct quote from Title 33 CCR, Division 1, Chapter 1, Article 2, Section 4. So it would seem even better to just reference the CCR, just like footnote 27, rather than the Urban Levee Design Criteria.	DWR	Update footnote
310.	p. 275, line 6	RR R5	Encourage beneficial reuse of dredged material, as recommended in the Bay Plan	BCDC	Add final sentence to recommendation "co-equal goals. Coordinated use of dredged material in levee improvement, subsidence reversal, or wetland restoration is encouraged."
311.	278, 21-26		Strike "Development of informative and sensitive performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop performance measures in complex and large scale systems like the Delta are commonly multiyear endeavors. The recommended performance measures are provisional and subject to refinement as time and resources	DSC Staff	Replace with "Development of informative and meaningful performance measures is a challenging task that will continue after the adoption of the Delta Plan. Performance measures need to be designed to capture important trends and to address whether specific actions are producing expected results. Efforts to develop and track performance measures in complex and large-scale systems like the Delta are commonly multiyear endeavors. The recommended output

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
			allow."		and outcome performance measures listed below are provided as examples and subject to refinement as time and resources allow. Final administrative performance measures are listed in Appendix C and will be tracked as soon as the Delta Plan is completed."
312.	280, 31-32:		Cite reference accurately. It's a research paper in San Francisco Estuary and Watershed Science.	ISB	Review and revise accordingly
313.	281, 12-13:		Cite reference accurately by naming the four authors. Two of them work for USGS. The others work for NOAA and Scripps.	ISB	Review and revise accordingly
	Chapter 8				
314.	287, 41		After 'significant' insert: 'Other sources cite higher expenditures for some of these categories. During development of the finance plan, this table will be updated to reflect the most recent data.	Panelists from 6/14 - 6/15 meeting	Review and revise accordingly
315.	290, 19		After 'A' insert 'clear and analytically-based'. Delete 'selected' and insert 'implemented'	NRDC	Revise accordingly
316.	290, 24		Economic and financial analyses should be done as early as possible during the planning of large capital projects. This will assist agencies in the design of cost-effective projects and will help ensure that the projects are actually completed and implemented.	NRDC	Review and revise accordingly
			Financial analyses should account for all of the costs of a project, both direct and indirect, including acquisition, planning, capital and interest, mitigation, science and monitoring, and operations and maintenance.		

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
317.	290, 26		Insert 'are essential and' before 'should'	Panelists from 6/14 - 6/15 meeting	Revise accordingly
318.	291, after line 36		Insert 'Fund urban and agricultural water management plans.'	Panelists from 6/14 - 6/15 meeting	Revise accordingly
	Glossary				
319.			Combine the acronym list with glossary	Council: Isenberg	Revise accordingly
320.	309		Under the term "water export", replace the term "transfers to another to meet" with "transfers to another hydrologic region to meet".	DSC Staff	Revise accordingly
321.			Review and revise glossary	DSC Staff	Revise accordingly
	Appendices				
322.	Appendix A		The paragraph description of Best Available Science (the list right after the Sullivan citation) says nothing about identifying level of uncertainty. That has to be part of this description!	ISB	Review and revise accordingly
323.	Appendix A		Clarify what is meant by conceptual models	ISB	Review and revise accordingly. Add to glossary or appendix.
324.	Appendix C		Entire administrative performance measures appendix needs to be scrubbed for consistency with policy and recommendation language.	DSC Staff	After Council approves final changes to policies and recommendations need to revise admin performance measure language to conform.
325.	Appendix C C-1		Add brief intro – also indicate output & outcome, Performance Measures are in Chapters	DSC Staff	Review and revise accordingly

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
326.	C-5		Page C-5: ER R1: Prioritize and Implement Projects that Restore Delta Habitat. The administrative performance measure calls for "100% of proposed habitat restoration projects are within the five priority areas and consider landscape elements and improvement to water quality."	DFG	Staff to review all performance measures for consistency with policy or recommendation language.
			While the five priority areas are an appropriate focus for restoration efforts, it seems too restrictive to stipulate that 100% of restoration projects will occur within these areas. Recommend incorporating the following text into the performance measure: "OR, if outside those five priority areas, sufficient scientific rationale for habitat restoration at alternative locations has been provided."		
327.	C-6		Page C-6: ER R5: Regulate Angling for Nonnative Sport Fish to Protect Native Fish. The administrative performance measure reads as follows: "The Department of Fish and Game proposes new or revised fishing regulations designed to increase populations of listed fish species through reduced predation by introduced sport fish to the Fish and Game Commission."	DFG	Staff to review all performance measures for consistency with policy or recommendation language.
			Recommend revising language to be consistent with Recommendation ER R5. Suggest changing to read "The Department of Fish and Game develops for consideration by the Fish and Game Commission proposals for new or revised fishing regulations designed to increase populations of listed fish species through reduced predation by introduced sport fish."		

Item Number	Page #, Line #	Policy/ Recommendation #	Issue or Requested Change	Source	Staff Recommendation
328.	C-6		Page C-6: ER R8: Implement Marking and Tagging Program. The administrative performance measure reads as follows: "The Department of Fish and Game, in cooperation with the. Fish and Wildlife Service and the National Marine Fisheries Service develop a plan for marking and tagging hatchery salmon and steelhead to improve management of hatchery and wild stocks by December 2014."	DFG	Staff to review all performance measures for consistency with policy or recommendation language.
			Delete "." between "the" and "Fish and Wildlife". Recommend revising language to be consistent with Recommendation ER R8. Suggest changing to read " National Marine Fisheries Service revise and begin implementing its program for marking and tagging "		
329.	Appendix G		Out of date information on BDCP	DSC Staff	Shorten and update appendix G consistent with Delta Reform Act statutory guidance and revised BDCP schedule information
	Other/ Miscellaneous				
330.	Examples		Cross check use of predictability throughout the Delta Plan. Correct use of the term within Delta Plan should be limited to the description of Delta export water deliveries, not Delta pumping and to avoid confusion, not Delta water supplies. As approved by the Council using the term "better match" not more predictable to define improved water supply reliability.	DSC Staff	Review and revise accordingly
331.	Statute text boxes		All need to be checked for completeness. (Ch 5: Add legacy community language)	DSC Staff	Review and revise accordingly